

Railway Mechanical Methods and Devices.

Boring Tool for Superheater Flue Holes.

The accompanying drawings show a tool for the removal of material from superheater flue holes in flue sheets. The tool consists of a body B, and adjusting collar C, a retaining collar D and cutting tools E, also an adjusting screw and 5 set screws, which are not shown in the drawing.

The main features of the body B are,

and 4 slots to receive the cutting tools. The adjusting collar C has a slot at S. The purpose of this slot is to produce a binding action upon the threads, by the use of an adjusting screw at T, so that the collar may be held in place at the proper adjustment of the cutting tools. There is also a recess at R to receive the ends of the cutting tools and help to bind them to the body of the tool. The retaining collar D is bored to a slip-fit for the largest diameter of the body B. As shown in the drawing, it is held in place by a key and a set screw. The cutting tools are made to the dimensions shown in the drawing. The angle shown

end of the threading, and held in place by the binding screw. The cutting tools are then inserted in their respective slots and the retaining collar is placed

